METHODS FOR THE PRODUCTION OF CRYSTALLIZED GLASS PANEL WITH EMBOSSED SURFACE

ABSTRACT

Two related methods for producing crystallized glass panels with intrinsically textured top surface. First method uses controlled time and temperature of heat treatment to limit flow deformation such that particles of crystallizable glass do not flatten completely. Optional polishing creates a flat uppermost surface with an embossed texture of unpolished craters. Second method further includes embedded flat pieces of crystallized glass that result in raised areas on the opposite surface of the finished panel. Top surface of panel has less reflectivity and greater slip resistance compared to conventional fully polished panels.